CLAIMS

1. An inspecting apparatus for detecting a defect of a glass bottle by imaging light from the glass bottle while the glass bottle is illuminated and rotated, and processing the obtained image, the inspecting apparatus comprising:

a lighting disposed at a predetermined position with respect to the glass bottle;

a plurality of CCD cameras disposed around the glass bottle for imaging a specific part of the glass bottle;

an angle detection device for detecting a rotation angle of the glass bottle with respect to a reference position; and

an image processor for processing the images obtained by said CCD cameras;

wherein said image processor stores rotation angle information detected by said angle detection device in such a manner that said rotation angle information corresponds to the image imaged by each of said CCD cameras.

2. An inspecting apparatus according to claim 1, wherein said rotation angle information is written on the image imaged by each of said CCD cameras.

3. An inspecting apparatus according to claim 1 or 2, wherein said image processor detects the defect at a

specific part of the glass bottle by comparing the image having said rotation angle information with a reference image prepared in advance which corresponds to said angle.

4. An inspecting apparatus according to claim 3, wherein said reference image is produced on the basis of the images of glass bottles having no defect, among the images obtained by imaging glass bottles in advance.

5. An inspecting apparatus according to any one of claims 1 through 4, wherein mold information is stored in such a manner that said mold information corresponds to the image imaged by each of said CCD cameras.

6. An inspecting apparatus according to any one of claims 1 through 5, wherein information related to production including manufacturing number, manufacturing line, or manufacturing date and time is stored in such a manner that said information corresponds to the image imaged by each of said CCD cameras.

7. An inspecting apparatus according to any one of claims 1 through 6, wherein inspection result is stored in such a manner that said inspection result corresponds to the image imaged by each of said CCD cameras.